

**SECRET**

<213> Streptococcus pneumoniae

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Val Glu Val Leu Thr Thr Arg Glu Pro Gly Gly Val Leu Ile Gly Glu  
35 40 45  
Lys Ile Arg Glu Val Ile Leu Asp Pro Ser His Thr Gln Met Asp Ala  
50 55 60  
Lys Thr Glu Leu Leu Leu Tyr Ile Ala Ser Arg Arg Gln His Leu Val  
65 70 75 80  
Glu Lys Val Leu Pro Ala Leu Glu Ala Gly Lys Leu Val Ile Met Asp  
85 90 95  
Arg Phe Ile Asp Ser Ser Val Ala Tyr Gln Gly Phe Gly Arg Gly Leu  
100 105 110  
Asp Ile Glu Ala Ile Asp Trp Leu Asn Gln Phe Ala Thr Asp Gly Leu  
115 120 125  
Lys Pro Asp Leu Thr Leu Tyr Phe Asp Ile Glu Val Glu Glu Gly Leu  
130 135 140  
Ala Arg Ile Ala Ala Asn Ser Asp Arg Glu Val Asn Arg Leu Asp Leu  
145 150 155 160  
Glu Gly Leu Asp Leu His Lys Lys Val Arg Gln Gly Tyr Leu Ser Leu  
165 170 175  
Leu Asp Lys Glu Gly Asn Arg Ile Val Lys Ile Asp Ala Ser Leu Pro  
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<210> 3

<211> 25

<212> DNA

<213> Streptococcus pneumoniae

<400> 3

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25